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Investigation of endurance of ...

S/535/60/000/129/005/006
E193/E520

where f is the vibration frequency per sec, E the modulus of elasticity (kg/mm^2), J the moment of inertia (mm^4), and m mass per unit length ($\text{kg.sec}^2/\text{mm}^2$). The tests were conducted on a base $N = 10^8$ cycles in the case of the EI617 and ZhS6K alloys, and 10^7 and 10^8 cycles in the case of the VT3-1 alloy. Each fatigue curve was constructed from data obtained on eight test pieces. In the first test of each series a stress equal approximately to $0.5 \sigma_b$ was used, where σ_b is the U.T.S. of the alloy tested; in each subsequent test the applied stress was lowered by 2 kg/mm^2 . The vibration amplitude, A (mm), of the free end of the test piece, required to produce a given stress, was calculated from the formula

$$A = 0.5682 \frac{\ell^2}{Ed} \sigma,$$

where ℓ and d are the length and diameter of the specimen, respectively, E the modulus of elasticity (kg/mm^2), and σ_1 the applied stress (kg/mm^2). The results are reproduced in Figs. 10-13, where the stress σ_1 (kg/mm^2) is plotted against the number of cycles to fracture. The fatigue curves in Fig. 10 relate to alloy EI617, tested at 20°C under the following conditions: (1) testing

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E193/E580

machine of the ГЗИП (GZIP) type (bending of the revolving specimen), load frequency $f = 50$ cycles/sec; (2) testing machine of the П-391 (P-391) type (bending of a revolving specimen), $f = 200$ cycles/sec, (3) testing machine VIU-1 MAI-VIAM (single plane bending), $f = 1000$ cycles/sec. The fatigue curves in Fig.11 relate to alloy ZhS6K tested at 20°C , the testing conditions for curves 1-3 being the same as in Fig.10. The results, reproduced in Fig.12 relate to alloy VT3-1 tested under the following conditions: curve 1 - testing machine VIU-1 MAI-VIAM, $f = 1100$ cycles/sec, $t = 20^{\circ}\text{C}$; curve 2 - same as for curve 1, except $f = 420$ cycles/sec; curve 3 - testing machine GZIP, $f = 50$ cycles/sec, $t = 20^{\circ}\text{C}$; curve 4 - testing machine VIU-1 MAI-VIAM, $f = 420$ cycles/sec, $t = 400^{\circ}\text{C}$. Fig.13 shows the fatigue curves of the VT3-1 alloy, tested at 20°C on the VIU-1 MAI-VIAM machine, curves 1-3 relating to tests carried out at $f = 450, 1100$ and 1650 cycles/sec, respectively; these are the most significant results of the present investigation, showing that the endurance limit of the alloys studied increased with increasing load frequency. Metallographic examination of the fatigue test pieces in the region of fracture revealed no changes in the microstructure

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due to increased loading frequency. The fatigue cracks were trans-crystalline, and only in the zone of final fracture were intergranular cracking and some degree of plastic deformation of the grains observed. It was concluded that both the equipment used and the method employed by the present authors are suitable for fatigue testing under high frequency loading and give reliable results which can be used as design data in the production of turbine and compressor blades, operating under high frequency loads. There are 15 figures, 5 tables and 6 references: 1 Soviet and 5 English. The English-language references read as follows: Lomas T., Ward I., Rait, I., Colbeck E., International Conference on Fatigue of Metals, London, Sept., 1956; Krouse G., Proc. ASTM, 34, 1934, II, 156; Jenkin C. and Lehman G., Proc. Roy. Soc., 125, 1929, 83; Wade A and Grootenhuys P., International Conference on Fatigue of Metals, London, Sept., 1956.

Card 5/9

L 07811-67 EWT(1)/EWT(m)/ENP(w)/ENP(t)/ETI LJP(c) JD/WW/EM

ACC NR: AR6017495

SOURCE CODE: UR/0137/66/000/001/I082/I082

AUTHOR: Zhukov, S. A.; Shadskiy, I. A.; Zhukov, N.

41

B

TITLE: Durability of some alloys at high frequencies

SOURCE: Ref. zh. Metallurgiya, Abs. 11559

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 19, 1965, 399-404

TOPIC TAGS: alloy steel, durability, vibration test, 1/4

ABSTRACT: The authors studied the effect of variable high-frequency loads on the vibration strength of scoop materials, (SAP, VT3-1, EI961 and EI617). Fatigue tests were done on an installation of the resonance type with an electromagnetic system for excitation of oscillations from 200 to 2400 cps. Thermal conditions were varied during testing from room temperature to 550°C. It was found that increasing the load frequency increases σ_w for all materials studied. VT3-1 alloy showed the greatest increase in σ_w . V. Ivanova. [Translation of abstract]

SUB CODE: 11

Card 1/1 MC

UDC: 669.018.295:620.17

30(6)(11)

PHASE I BOOK EXPLOITATION

SOV/1467

Shadskiy, Pavel Ivanovich

Sovetskaya aviatsiya v boyakh za Rodinu (Soviet Aviation in Battles for the Motherland) Moscow, Izd-vo DOSAAF, 1958. 86 p. 17,000 copies printed.

Ed.: A.A. Vasil'yev; Tech. Ed.: V.N. Gerasimova.

PURPOSE: This book is intended for the general reader.

COVERAGE: After a brief discussion of Marxism and Leninism, the book presents a summary of the history of Russian aviation since the time of the First World War. Comparisons with German and U.S. accomplishments are drawn. The role of aviation in the battles of the last wars is described and the achievements of the various five-year plans in industry are praised. The last chapter reports on the development of the "Tu-104", "Tu-104 A", and "Tu-110" jet planes and gives some data on them. A great number of aircraft designers and pilots are mentioned by name. There are no references and no figures.

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Soviet Aviation (Cont.)

SOV/1467

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Soviet Aviation During the Years of Foreign Military Intervention and Civil War	14
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AVAILABLE: Library of Congress

Card 2/2

IS/gmp
5-8-59

ORLOV, B.N.; SHADSKIY, P.I.; GORDEYEV, N.P., red.; PETRIKOVA, L.I.,
tekh. red.

["Earth", "Sirius" is speaking!] "Zemlia," govorit "Sirius!"
Moskva, Voenizdat, 1962. 98 p. (MIRA 15:8)
(Atmosphere, Upper) (Balloon ascensions)

SHADSEIY, S..

Trees - Diseases and Pests

Struggle with pests in nurseries and forest farms of the Altai Province. Les. Khok.
4 no. 12, 1951.

Monthly List of Russian Accessions. Library of Congress, April 1952. UNCLASSIFIED.

CHEPURNYKH, K.S.; SHADESKIY, S.I.

Comparison of the economic evaluation of pelletizing and sintering
processes for fine iron concentrates. Obog. rud 4 no.2:18-22
'59. (MIRA 14:8)

(Sintering--Costs) (Briquets--Costs)

GALITSKIY, N.V.; SHADSKIY, S.V.

Content of dissolved chlorides in condensed titanium tetra-
chloride. Titan i ego splavy no.8:140-144 '62. (MIRA 16:1)
(Titanium chloride--Analysis)

SHADSKIY, S.V.; MISHCHENKO, K.P.

Dielectric constant of organic solvents and the thermodynamic properties of sodium iodide solutions in water, methanol, acetone, and in a mixed dioxane-water solvent. Dokl. AN SSSR 158 no.5:1180-1182. O. '64.

(MERA 17:10)

1. Leningradskiy tekhnologicheskii institut tsellyulozno-bumazhnoy promyshlennosti. Predstavleno akademikom A.A.Grinbergom.

MISHCHENKO, K.P.; SHADSKIY, S.V.

Thermochemistry of nonaqueous electrolyte solutions. Part 2: Heats of dissolution of sodium iodide in a water-dioxane solvent. Teoret. i eksper. khim. 1 no.1:60-65 Ja-F '65. (MIRA 18:7)

1. Leningradskiy tekhnologicheskij institut tsellyulozno-bumazhnoy promyshlennosti.

NESTERENKO, V. B.; SHADSKIY, V. M.

"The modelling method on transient thermal processes in gas-cooled reactors on the analogue computers."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva, 31 Aug-9 Sep '64.

L 01462-66 ENT(m)/EPF(c)/EPF(n)-2/ENG(m) WW

ACCESSION NR: AP5014736

UR/0201/65/000/001/0038/0043

AUTHORS: ⁶⁵ Nesterenko, V. B.; ⁴⁵ Shadskiy, V. M. 42 B

TITLE: Simulation of nonstationary thermal processes in gas-cooled power reactors with analog computers. 19,55

SOURCE: AN BSSR. Izvestiya. Seriya fiziko-tekhnicheskikh nauk, no. 1, 1965, 38-43

TOPIC TAGS: nuclear power reactor, gas cooled reactor, reactor control, control simulator, analog computer

ABSTRACT: The described simulation method is based on transformation of the partial differential equations in three variables, which describe the processes in the reactor, into ordinary nonlinear differential equations which can be handled by standard analog computers. The latter are preferred for the development of automatic control systems or for the investigation of the emergency and start-

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L 01462-66

ACCESSION NR: AP5014736

ing conditions of atomic power installations because they can be readily integrated in the control system and they do not require laborious and expensive programming. The transformation is based on an approximation in which the rated heat-transfer scheme is represented by an integral values of the fuel-element and gas temperature averaged over the cross section. The various approximations and assumptions are discussed and the integral quantities, obtained in the form of a series, are written out for one and two terms in the expansion. The simulation of the nonstationary conditions of a nitrogen-cooled 50-MW reactor by means of a type MNB-1 computer is briefly described and the resultant plots of the outlet gas temperature and of the neutron flux, following changes in temperature, gas flow, and reactivity, are presented. The results agreed within 3--4% with calculations by a finite-difference method, and made it possible to get along with fewer differential equations (5 vs. 8). The method is recommended for the study of the characteristics of the warm-up, starting, power-change, and emergency shutdown of the

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L 01462-66

ACCESSION NR: AP5014736

reactor, as well as for the study of dynamic characteristics of the regenerator, cooler, and other heat-exchange equipment in atomic power installations. Orig. art. has: 5 figures and 9 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: NP, DP

NR REF SOV: 004

OTHER: 003

Card 3/3

L 41670-65 EPF(c)/EPF(n)-2/EPR/EWT(m)/EWG(m) Pr-4/Ps-4/Pu-4
 ACCESSION NR: AP5005769 8/0170/65/008/001/0110/0113

AUTHOR: Konchits, V. P.; Shadskiy, V. M.

TITLE: Use of type MNB-1 analog computers to solve nuclear power problems

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 8, no. 1, 1965, 110-113

TOPIC TAGS: analog computer, nuclear reactor, reactor control, reactor simulation

ABSTRACT: The possible use of a comprehensive utilization of MNB-1 and MN-7 analog computers in conjunction with specialized attachments for the investigation of the dynamics of nuclear reactors is discussed. It is shown that in view of the high order of the differential equations involved, several analog computers must be operated in parallel, and that the use of an attachment that simulates the operation of the reactor itself is highly desirable. A variant of such a simulator is described and its application to a water-cooled reactor with both positive and negative temperature feedback is illustrated. The data were within 1.5% of those obtained by a different method. The simulation error is estimated as a function of the shear element composition and of the burnup rate. Orig. art. has: 3 figures and 3 formulas.

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L 41670-65

ACCESSION NR: AP5005769

ASSOCIATION: Institut teplo- i massoobmena AN BSSR, Minsk (Institute of Heat and Mass Exchange, AN BSSR)

SUBMITTED: 11May64

INCL: 00

SUB CODE: DP, NP

NR REF SOV: 005

OTHER: 002

CC
Card 2/2

LAPIDUS, L. S.; SHADUNTS, K. Sh.

Using piles for protecting the slopes of loose rock fills.

Vop geotekh no. 5:48-55 '62.

(MIRA 17:5)

COL'DON. D. M.N.; TUROVSKAYA, A.Ya.; SHADENKO, A.Sh.

Drainage of cohesive sliding soils. Vop. geotekh. no.6:
190-210 '63. (MIRA 17:9)

SHADUNTS, K.Sh., kand. tekhn. nauk; MORZHOV, I.V., inzh.

Construction of the foundation beds of water conduits. Transp. stroi.
15 no.7:50-51 J1 '65. (MIRA 18:7)

KAZIMIROV, K.V., inzhener; SHADUR, L.A., kandidat tekhnicheskikh nauk,
redaktor; DRONDIN, K.A., inzhener, redaktor; KHITROV, P.A., tekhnicheskii redaktor

[Tank cars; design, repair and operation] Vagony-tsisterny; ustroistvo, remont i ekspluatatsiia. 2-e isprav. i dop. izd. Moskva, Gos. transportnoe zhel.-dor. izd-vo, 1950. 215 p. (MLRA 8:6)
(Tank cars)

SHADUR, L.A.

124-11-13475

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 162 (USSR)

AUTHOR: Shadur, L. A.

TITLE: Calculation Methods for Cast Freight-Car Truck Frames (K voprosu o metodakh rascheta litoi bokoviny telezhki gruzovogo vagona)

PERIODICAL: Tr. Mosk. elektromekh. in-ta inzh. zh.-d. transporta, 1953, Nr. 62, pp. 162-189

ABSTRACT: The Author offers a survey of calculation methods for freight-car trucks as statically indeterminate structures. In order to clarify the effects of the shear and tensile (and compressive) deformations, four variants are examined and consideration is given to: (1) Flexure, shear, and tension or compression; (2) Shear and tension (or compression) alone; (3) Either flexure or shear alone; (4) Flexure alone.

The calculated stresses are compared with the results of tests performed on a test stand with a truck; Variant (2) affords the best approximation; Variant (1) is somewhat worse (up to 10 per cent); Variant (3) is worse yet (up to 25 per cent).

(N. P. Kashparova)

Card 1/1

SHADUR, L.A.

VICHNEVIN, A.Ye.; GULEV, Ya.F.; DACHUK, L.Ya.; DROBINSKIY, V.A.; KRYLOV,
S.K.; SHADUR, L.A.; SHILOVSKIY, V.A.; CHERNYSHEV, V.I., redaktor;
VERINA, G.P., ~~tekhnicheskiy~~ redaktor

[Railroad fundamentals] Osnovy zheleznodorozhnogo dela. Moskva,
Gos.transp.zhel-dor. izd-vo, 1955. 400 p. (MLA 9:3)
(Railroads)

АИПЕРОВ, А. А.; АРТЕМКИН, А. А.; АШКЕЗАИ, Я. А.; ВИНГРАДОВ, Г. П.; ГАЛЕЕВ, А. У.;
 ГРИГОР'ЕВ, А. А.; Д'ЯЧЕНКО, П. Ye.; ЗАЛИТ, Н. Н.; ЗАХАРОВ, П. М.;
 ЗОБНИН, М. П.; ИВАНОВ, И. И.; ИЛ'ИН, И. П.; КМЕТИК, П. И.; КУДРЯШОВ, А. Т.;
 ЛАПШИН, Ф. А.; МОЛЫАРЧУК, В. С.; ПЕРТОВСКИЙ, Л. М.; ПОГОДИН, А. М.;
 РУДОЙ, М. Л.; САВИН, К. Д.; СИМОНОВ, К. С.; СИТКОВСКИЙ, И. П.; СИТНИК, М. Д.;
 ТЕТЕРЕВ, Б. К.; ТСЕТЫРКИН, И. Ye.; ТСУКАНОВ, П. П.; ШАДИКЯН, В. С.;
 АДЕЛУНГ, Н. Н., retsenzent; АФАНАС'ЕВ, Ye. V., retsenzent; ВЛАСОВ, В. И.,
 retsenzent; ВОРОБ'ЕВ, И. Ye., retsenzent; ВОРОНОВ, Н. М., retsenzent;
 ГРИТЧЕНКО, В. А., retsenzent; ЗХЕРЕБИН, М. Н., retsenzent; ИВЛИЙЕВ, И. V.,
 retsenzent; КАПОРТСЕВ, Н. V., retsenzent; КОЧУРОВ, П. М., retsenzent;
 КРИВОРУЧКО, Н. Z., retsenzent; КУЧКО, А. P.; Retsenzent; ЛОБАНОВ, V. V.,
 retsenzent; МОРОЗОВ, А. S., retsenzent; ОРЛОВ, S. P. retsenzent; ПАВЛУШКОВ, E. D.
 retsenzent; ПОПОВ, А. Н. retsenzent; ПРОКОФ'ЕВ, П. F., retsenzent; РАКОВ, V. A.,
 retsenzent; СИНЕГУБОВ, Н. I. retsenzent; ТЕРЕНИН, D. F. retsenzent;
 ТИХОМИРОВ, И. G., retsenzent; УРБАН, И. V., retsenzent; ФИЛАКОВСКИЙ, I. A.,
 retsenzent; ЧЕПЫЗХЕВ, B. F., retsenzent; ШЕБЫАКИН, O. S., retsenzent,
 ШЧЕРБАКОВ, P. D., retsenzent; ГАРНЫК, V. A., редактор; ЛОМАГИН, Н. A.
 редактор; МОРДВИНКИН, Н. A. редактор; НАУМОВ, А. Н., редактор; ПОБЕДИН, V. F.,
 редактор; РЯЗАНТСЕВ, B. S., редактор; ТВЕРСКОЙ, K. N., редактор; ЧЕРЕВАТЫЙ,
 N. S., редактор; АРШИНОВ, I. M., редактор; БАБЕЛЯН, V. B., редактор;
 БЕРНАРД, K. A., редактор; ВЕРШНСКИЙ, S. V., редактор; ГАМБУРГ, Ye. Yu.,
 редактор; ДЕРИБАС, А. T., редактор; ДОМБРОВСКИЙ, K. I., редактор; КОРНЕЕВ, А. I.
 редактор; МИХЕЕВ, А. P., редактор; МОСКВИН, G. N., редактор; РУБИНШТЕЙН, S. A.
 редактор; ТСИПИН, G. S. редактор; ЧЕРНЫВСКИЙ, V. Ya., редактор;
 ЧЕРНЫШЕВ, V. I., редактор; ЧЕРНЫШЕВ, M. A., редактор; ШАДУР, L. A.,
 редактор; ШИШКИН, K. A., редактор.

THEOREM 7. Let A_1, A_2, \dots, A_n be n matrices such that

(Railroad handbook) Spravochnik knizhka zheleznodorozhnika, Izd. 3-e, ispr. il dop. Pod obshehei red. V. A. Garmyka. Moskva. Gos. transp. zhel-dor. izd-vo, 1956, 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta.
(Railroads)

SHADUR, L.A., kandidat tekhnicheskikh nauk, dotsent.

Reserve strength of freight car truck side frames and bolsters. Vest.
TSNII MPS 15 no.2:15-22 S '56. (MIRA 9:12)
(Railroads--Cars)

SHADUR, L. A. Doc Tech Sci -- (diss) "On means to ~~concerning the ways of~~
reduction ^{of} the weight of railway cars and possibilities of
lightening ^{on the basis of perfecting of methods} of cast hand-carts that can be achieved by impro-
ving the study methods of their durability." Mos, 1957. 26 pp
20 cm. (Min of ^{Railways} Communications USSR. Moscow Order of Lenin and
Labor Red Banner Inst of Engineers of Railway Transport im
I. V. Stalin), 120 copies
(KL, 21-57, 101)

POPOV, Aleksey Aleksandrovich; SHADUR, Leonid Abramovich; NEVZOROVA, Nadezhda Nikiforovna; VERSHINSKIY, G.P., ~~nauchnyy~~ ^{redaktor} tekhnicheskikh nauk, redaktor; VERINA, G.P., tekhnicheskii redaktor.

[Investigation of the strength of freight car truck frames and ways of decreasing their weight.] Issledovanie prochnosti rany teleshki gruzovykh vagonov i puti snizheniia ee vesa. Moskva, Gos. transp. shel-dor. izd-vo, 1957. 263 p. (Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta, Trudy, no. 139).

(MLRA 10:7)

(Railroads--Freight cars)

SHADUR, L.A., kandidat tekhnicheskikh nauk.

Technical and economic effectiveness of lowering the crated weight
of freight cars. Zhel.dor.transp. 39 no.2:49-54 F '57.

(MLRA 10:3)

(Railroads--Cars)

SOV/124-58-5-6081

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 152 (USSR)

AUTHOR: Shadur, L.A.

TITLE: Stressed Condition of the Lateral Frame of a Railroad-car Truck Under the Action of Braking Loads (Napryazhennoye sostoyaniye bokovoy ramy telezhki ot deystviya tormoznykh nagruzok)

PERIODICAL: Tr. Mosk. in-ta inzh. zh.-d. transp., 1957, Nr 99, pp 3-28

ABSTRACT: Bibliographic entry

1. Railroad cars--Equipment
2. Railroad cars--Stresses

Card 1/1

SOV/124-58-5-6082

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 152 (USSR)

AUTHOR: Shadur, L.A.

TITLE: Investigation of the Stressed Condition of a Spring-supported
Beam of a Railroad car Truck (Issledovaniye napryazhennogo
sostoyaniya nadressornoy balki telezhki)

PERIODICAL: Tr. Mosk. in-ta inzh. zh.-d. transp., 1957, Nr 99, pp 29-40

ABSTRACT: Bibliographic entry

1. Railroad cars--Equipment
2. Beams--Stresses

Card 1/1

SHABER, Leonid Abramovich -- awarded sci degree of Doc Tech Sci for
29 May defense of dissertation: "On the means for lessening the weight
of cars [vagony] and possibilities for lightening cast carts through
improved methods of research in durability" at the Council, Mōs Inst
of RR Transp Engrs imeni Stalin; Prot No 7, 29 Mar 58.

(BMVO, 8-58,23)

SHADUR, L.A., doktor tekhn.nauk

All-purpose tank cars, their technical and economic efficiency.
Zhel. dor. transp. 40 no.9:48-51 S '58. (MIRA 11:10)
(Tank cars)

VERSHINSKIY, Sergey Vasil'yevich, doktor tekhn.nauk; NIKOL'SKIY, Yevgeniy Nikolayevich, prof., doktor tekhn.nauk; NIKOL'SKIY, Lev Nikola-yevich, prof., doktor tekhn.nauk; POPOV, Aleksey Aleksandrovich, prof., doktor tekhn.nauk; SHADUR, Leonid Abramovich, prof., doktor tekhn.nauk; SARANTSEV, Yu.S., red.; BOBROVA, Ye.N., tekhn.red.

[Design of railroad cars for strength] Raschet vagonov na proch-nost'. Pod red. A.A.Popova. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 359 p.

(MIRA 14:1)

(Railroads--Cars--Construction)

SHADUR, L.A., doktor tekhn.nauk prof., IN'SHAKOV, N.N., kand.tekhn.nauk

Causes of crack formation in the cast bolsters of car
trucks. Vest.TSNII MPS 19 no.2:34-39 '60. (MIRA 13:6)
(Railroads--Freight cars) (Strains and stresses)

SHADUR, L.A., prof., doktor tekhn.nauk; LUKIN, V.V., inzh.

Technical and economic comparison of high-capacity gondola
cars. Zhel.dor.transp. 43 no.8:17-22 Ag 1961. (MIRA 14:8)
(Railroads—Freight cars)

SHADUR, Leonid Abramovich, doktor tekhn. nauk, prof.; CHELNOKOV, Ivan Ivanovich, doktor tekhn. nauk, prof.; NIKOL'SKIY, Lev Nikolayevich, doktor tekhn. nauk, prof.; KAZANSKIY, Georgiy Alekseyevich, kand. tekhn.nauk; KOGAN, Liber Ayzikovich, kand. tekhn. nauk; DEVYATKOV, Vladimir Fedorovich, kand. tekhn. nauk; CHIRKIN, Viktor Vasil'yevich, kand. tekhn. nauk; MORDVINKIN, N.A., inzh., retsenzent; BRAYLOVSKIY, N.G., red.; MEDEVEVA, M.A., tekhn. red.

[Designs of railroad cars] Konstruktsii vagonov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-vn putei soobshcheniya, 1962. 415 p. (MIRA 15:4)
(Railroads--Cars--Design and construction)

SHADUR, L.A., prof., doktor tekhn. nauk; LUKIN, V.V., inzh.

Freight car capacity in the long-range design. Zhel. dor. transp.
45 no.5:57-61 My '63. (MIRA 16:10)

DOLMATOV, A.A., kand. tekhn. nauk; KUDRYAVTSEV, N.N., kand. tekhn. nauk;
SHADUR, L.A., doktor tekhn. nauk, retsenzent; POPOV, A.V. inzh., red.;
VASIL'YEVA, N.N., tekhn. red.

[Dynamics and strength of four-axle railroad tank cars.]
Dinamika i prochnost' chetyrekhosnykh zheleznodorozhnykh
tsistern. Moskva, Transzheldorizdat, 1963. 122p. (Moscow.
Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo
transporta. Trudy, no.263).

(MIRA 16:11)

SHADUR, L.A., prof., doktor tekhn. nauk; LUKIN, V.V., kand. tekhn. nauk

Efficiency of the use of heavy gondola cars without hatches.
Zhel. dor. transp. 46 no.7:40-42 J1 '64. (MIRA 17:8)

SHADUR, I. G., inzh.

work of the volunteer economic analysis bureau at the "Krasnoe Sormovo"
Plant. Sudostroyeniye 31 no. 51/9-53 My 165.

(MIRA 13:3)

SHADUR, L.A., prof., doktor tekhn. nauk; YEVSTAF'YEV, B.S., kand. tekhn. nauk

Preventing the break of the swing links in couplings. Zhel. dor,
transp. 47 no.5:61-63 My '65. (MIRA 18:6)

SHADUR, L.A., prof., doktor tekhn.nauk; LUKIN, V.V., dotsent, kand.tekhn.nauk;
RTDEL', E.I., dotsent, kand.tekhn.nauk; ZAMURUYEV, V.T.

Capacity and design of boxcars. Zhel.dor.transp. 47 no.12:30-32
D '65. (MIRA 18:12)

1. Glavnyy konstruktör Altayskogo vagonostroitel'nogo zavoda
(for Zamuruyev).

ACC NR: AM6004820

(A)

Monograph

UR/

Shadur, Leonid Abramovich (Doctor of Technical Sciences; Professor); Chelnikov, Ivan Ivanovich (Doctor of Technical Sciences; Professor); Nikol'skiy, Lev Nikolayevich (Doctor of Technical Sciences; Professor), Nikol'skiy, YEvgeniy Nikolayevich (Doctor of Technical Sciences; Professor); Proskurnev, Petr Grigor'yevich (Candidate of Technical Sciences, Docent); Kazanskiy, Georgiy Alekseyevich (Candidate of Technical Sciences); Devyatkov, Vladimir Fedorovich (Candidate of Technical Sciences)

Railroad cars; construction, theory, and design (Vagony; konstruktsiya, teoriya i raschet) Moscow, Izd-vo "Transport", 1965. 439 p. illus., biblio. 8,000 copies printed. Textbook for railroad transportation institutes.

TOPIC TAGS: railway equipment, railway rolling stock, railway transportation, railway vehicle data

PURPOSE AND COVERAGE: The book deals with the construction, strength calculations, dynamics, choice of technical-economic parameters, and sizes of railroad cars. It is intended for courses on "Railroad Cars" (construction, theory, calculation) for those specializing in "Railroad Car Construction and Railroad Car Management" of higher technical institutes for railway transport. It is designed to be a basic course for further specialization in special-purpose cars such as refrigerator cars, electric equipment of railroad cars, technology of construction and repair of railroad cars, and other specialties. It is designed for students who have some elementary information on car construction and car strength.

UDC: 625/23/.24

Card 1/2

ACC NR: AM6004820

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Introduction - -	3
Ch. I. General information on railroad cars - -	7
Ch. II. Dimensions - -	18
Ch. III. Technical and economical parameters of freight cars - -	30
Ch. IV. Principal data for strength calculations of railroad cars - -	44
Ch. V. Wheel pairs - -	55
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Ch. VII. Springs and shock absorbers - -	105
Ch. VIII. Trucks - -	142
Ch. IX. Frames and bodies - -	187
Ch. X. Shock-coupling devices - -	220
Ch. XI. Principles of railroad dynamics - -	252
Ch. XII. Freight cars - -	337
Ch. XIII. Tank cars - -	370
Ch. XIV. Passenger cars - -	388
Ch. XV. Principles of design, construction, and testing of cars - -	423

SUB CODE: 13/ SUBM DATE: 21Jul65/ ORIG REF: 218/ OTH REF: 010

Card 2/2

DOLGOPIOSK, N.A.; SHADUR, M.G.

Discussion of S.Kh.Sidorovich's article on, "Clinical and
electrocardiographic dynamics of myocardial infarct." Terap.
arkh.27 no.4.79-81 '55. (MLRA 8:10)

(MYOCARDIAL INFARCT, physiology
clin.aspects & ECG)

(ELECTROCARDIOGRAPHY, in various diseases,
myocardial infarct.)

LIST AND INDEX																										LIST AND INDEX																									
PRELIMINARY AND PROPERTIES INDEX																										PRELIMINARY AND PROPERTIES INDEX																									
<p>Existence of α-particle in model. V. Mamavakhishvili and R. Shaduri. <i>J. Exptl. Theoret. Phys.</i> (U. S. S. R.) (Z/827-S(1037)).—By assuming α-particles as constituent parts of nt. nuclei M, can explain why only one or two isotopes exist for the odd-numbered elements. A table of mass defects as a function of excess neutrons is given. The mass of Be⁹ should be 9.007. P. H. Rathnam.</p>																																																			
<p>450 51.6 METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			

772. Чингизидзе, Давид Ме-
хиседелович. Дипломатическое
исследование многокомпонентных спла-
вов. 1941. 38, 6 с. (25) илл. Тбн.
Изд. (Сообщ. АН Груз. ССР, 1945,
№ 8, 10).
Защ. 1941, 30б.
773. Чкавадзе, Гурген Алек-
сандрович. Взаимодействие углеро-
да с легкими металлами. 1954. 90 с.
Защ. 1955, 25л.
774. Чрелашиани Арчил Геор-
гиевич. Некоторые электротехнические свой-
ства поликристаллических керамики

775. Чубуладзе Илья Солово-
нович. Об основных энергетических
соотношениях в акустике. 1941. 96 с.
Защ. 1941, 30б.
776. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

777. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

778. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

779. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

780. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

781. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

782. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

783. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

784. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

785. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

786. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

787. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

788. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

789. Шалаур Ростом Семео-
вич. Об атомной и молекулярной со-
стоянии 61-0 в вакууме. 1954. 78 с.
Защ. 1955, 16д.

Def. at
Tbilisi State U.

Dissemination for degree of
Candidate of Physical-Mathematical Sciences

SHADFI, P.O.

"On the Atomic and Ionic Fractions of the Silicon-Hydrogen State in Quartz."
Sov. Phys.-Math. Sci., Tbilisi State University I.V. Stalin, Tbilisi, 1955.
(RI, No 14, Apr 55)

SO: (Sci. No. 104, 7 Nov 55) - Survey of Scientific and Technical Dissertations.
Defended at USSR HL for Educational Institutions (16).

PLEASE I BOOK REF-10774100

6005C/A008

Abdominal pain Dresslinsky SER. Institute fleish

Study, Vol. 6 (Transactions of the Physics Institute of the Academy of Sciences of the USSR, Ser. 6) Joliet, 1978. 282 p.

PURPOSE: This book is intended for physicists and physical chemists, and may be used by students taking advanced courses in physics and physical chemistry.

COMMENT: While a collection of articles by members of the Physics Institute in Moscow, this book contains a number of papers on such subjects as plasma, nuclear energy, polarized dielectrics, in a sense, the field effect of gamma-rays on copper oxides, digital computer program, or, finally, at the bottom, effect of thermal gradient on crystals, and the theory of heavy unstable particles. The last article, in Georgian, is a brief review of the development of physics in Georgia during the last 10 years. The article in English are given after each article. In parentheses are mentioned the authors composing each article.

Donnelly, D., and G. E. Muhschilbill. Behavior of a Polarized Dielectric Due to a Magnetic Field. *J. Appl. Phys.* 33: 331-334 (1962).

Table 1. γ -V, and γ -Bu. **Table 2.** Effect of Gamma Rays on the Catalytic Activity of Copper Oxides in the Reaction of Dehydrogenation of Ethyl Alcohol

The dependence of the catalytic activity of Cu_2O and CuO on the radiation dose treated by the catalyst is investigated in the reaction of hydrogenation of ethyl alcohol. The irradiation induces an increase in CuO activity followed by a decrease in its resistance and a decrease in Cu_2O activity followed by a decrease in its resistance. The irradiation of the catalyst does not change the mechanism of the reaction.

Cambridge, U. S. A., Goldstein and V. A. Rasmussen. *Neural Protoplasm* by R. B. St. John. Boston: Academic Publications by the Mass. Inst. of Tech. with Scientific Comments.

The authors present a detailed critical summary program for the investigation of electrophoretic methods by the Kato-Carlin method. This program is a synthesis of several subdivisions each of which is designed for a specific computational aspect of the overall process. Each exercise is completed sequentially before the next exercise is completed. The proposed program can be modified to comply with problems solved by Kato-Carlin method.

56

Mobilashvili, M. P. General Distribution of the Protecting Component of Ketones, Al⁺ Esters

In this article, the author studies the lateral distribution of the penetrating component of a neutrino air shower with a total number of particles between 105 and 5100. In a shower at 400 meters above sea level and depth of 65.7 meters water equivalent. The investigation was carried out at distances of 1, 10, 20, 30, 45, and 60 meters from the shower axis.

Matlyan, H. O. Central Problems in the Theory of Heavy Instable Particles

This article deals with a theoretical investigation of the production of heavy unstable particles. Decay system of Λ_{11} and Λ_{13} decays are investigated. Polarization and correlation phenomena in the decay of hyperons with spin $1/2$ and spin $3/2$ are considered taking into account parity nonconservation. From an investigation of these different parity nonconservation, as well as the violation of these different parity nonconservation, and the problem of the investigation problem of parity nonconservation and the problem of the investigation in decay of hyperons. A strong $\pi\pi$ interaction as applied to

Author: V. Byrington: of Physics in Georgia During the Past 40
Years (Continuation of a Previous Article)

AVAILABLE: LIBRARY OF CONGRESS (OCLC.A354 A1)

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173

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33

56-34-4-20/60

AUTHORS: Chavchanidze, V. V., Shaduri, R. S., Kunsishvili, V. A.

TITLE: The Calculation of the Electron-Photon Cascade in Lead by the Monte Carlo Method (Raschet metodom Monte-Karlo elektronno-fotonnogo kaskada v svintse)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol. 34, Nr 4, pp. 912 - 915 (USSR)

ABSTRACT: This work describes the statistical probability molding based on the method of random trials (a modification of the method by Monte Carlo). This work only describes the scheme of the calculation of the cascade omitting details. The range of the γ -quantum in lead until the first process of interaction is "drawn". The "drawing" is made for the integral curve of the dependence of the total cross section on the energy of the quantum. Then the "fate" of the γ -quantum is drawn. In the case of pair production the energy of the positron is drawn and from it then the energy of the electron is ascertained. Subsequently the amounts of the ionization losses and thus also of the energy of the components of the pair before the following

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The Calculation of the Electron-Photon Cascade in Lead 56-34-4-20/60
by the Monte Carlo Method

collisions are determined. Simultaneously also the correction for the multiple scattering is "drawn". The energy of the bremsstrahlung quantum was ascertained by the method of the construction of non-normalized integral curves with unequal argument scales. The scattering angles were "drawn" without consideration of the correlation between the scattering angles of the quantum of the electron. In the case of destruction the scattering angle of the one γ -quantum in the center of mass system is "drawn". From the data obtained by this also the scattering angle of the second quantum is ascertained. The results thus obtained are plotted in form of curves for the energy distribution and for the angular distribution of the electrons, positrons, and γ -quanta (as functions of the generating angle of the observation cone). The computation of the electron-photon cascade is unusually long. For the factual performance of the computations electronic high-speed computers are necessary. The existing machines need not be rebuilt at all but a correspondingly performed programming is sufficient. Here 2 of such programming methods are shortly described. It is a particularity

Card 2/4

The Calculation of the Electron-Photon Cascade in Lead 56-34-4-20/60
by the Monte Carlo Method

of the first method that in the constant memory the arguments of the given probability functions are stored in a certain order. The second programming method allows the introduction of these functions into the storing device. According to the opinion of the authors the whole efficiency of the calculations by the method of random trials shows up only in case of the application of electronic computers and in case of adapted programming. The authors thank A. V. Tagviashvili, B. I. Bondarevich, L. L. Esakiya, G. A. Goradze, M. Ye. Psel'man, G. A. Almanov for their participation in the practical performance of the computations. This work was performed on the suggestion by Professor V. P. Dzhelepov in connection with the necessary estimation of the probability of the non-emission of electrons and positrons from lead plates of little thickness. The authors thank Professor Dzhelepov and his collaborators for his attentiveness and his interest in this work. There are 3 figures and 7 references, 4 of which are Soviet.

Card 3/4

The Calculation of the Electron-Photon Cascade in Lead 56-34-4-20/60
by the Monte Carlo Method

ASSOCIATION: Institut fiziki Akademii nauk Gruzinskoy SSR (Institute of Physics
AS, Georgian SSR)

SUBMITTED: September 23, 1957

1. Lead—Nuclear reactions

Card 4/4

CHAVCHANIDZE, V.V.; SHADURI, R.S.; KUMSISHVILI, V.A.

Mosaic method of preparing programs for the calculation of an
electron-photon cascade by means of an electronic computer
using the Monte Carlo method. Trudy Inst.fiz.AN Gruz.SSR

6:59-95 '58.

(MIRA 15:4)

(Programming (Electronic computers))

(Particles (Nuclear physics))

CHAVCHANIDZE, V.V.; SHADURI, R.S.

Method of statistical-probabilistic modeling applied to the
calculation of functional integrals of the Feynman type.
Wiener and Fresnel measures. Trudy Inst. fiz. AN Gruz.SSR
7:105-111 '60. (MIRA 14:10)

(Sampling(Statistics))
(Integrals)

SHADURI, VANO SEMENOVICH
SHADURI, Vano Semenovich

SHADURI, Vano Semenovich (Tbilisi State U. imeni Stalin) - Academic degree of Doctor of Philological Sciences, based on his defense, 2 June 1955, in the Council of the Inst of Russian Literature (Pushkin House) Acad Sci USSR, of his dissertation entitled "Decabrist literature and Georgia." For the Academic Degree of Doctor of Sciences

EO: Byulleten' Ministerstva Vysshego Obrazovaniya SSSR, List No. 2, 21 January 1956, Decisions of the Higher Certification Commission concerning academic degrees and titles.

SHADURSKAYA, V.S. (Yaroslavl').

Determination of the mean lethal dose. Farm. i toks. 16 no. 3:48-50 My-Je '53.
(MLRA 6:7)

(Dosiology) (Poisons)

"On Poisonous Chemicals Used in Agriculture," by N. S. Irger, V. S. Shadurskaya, and G. I. Pashkovskaya, Zdravookhraneniye Belorussii, 1956, 3, pp 49-51 (from Sovetskoye Meditsinskoye Referativnoye Obozreniye, Zdravookhraneniye, Gigiyena i Sanitariya, Istoriya Meditsiny, Moscow, No 20, 1956, abstract by O. Mogilevskaya, pp 61)

"Authors review in brief the toxicological characteristics of the following poisonous chemicals being used at the present time in agriculture: protars (preparation P. D.); preparation A. B.; formalin; granozan (preparation NIUIF-2); mercuran (mixture of granozan and hexachlorane); DDT; hexachlorane; and preparation NIUIF-100 (thiophos). All poisonous chemicals should be applied only under supervision of medical personnel. It is essential that processing machines PSP-0.5 and PU-1, dusting machines, sprayers, and means for the protection of the individual workers handling the poisonous chemicals be used. Poisonous chemicals should not be stored in general warehouses. Sanitary-educational work among personnel coming in contact with the poisonous chemicals is necessary." (U)

[Comment (UNCLASSIFIED): Protars (preparation P. D. is a gray powder, a mixture of Calcium arsenite with talc containing not less than 10 percent of As_2O_3 . A. B. preparation is a mixture of copper sulfate and carbonate salts containing 15 to 16 percent of copper.]

SHADURSKAYA, V. S.

137-58-2-4459

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 308 (USSR)

AUTHORS: Shadurskaya, V.S., Irger, N.S., Pashkovskaya, G.I.

TITLE: The Protection of Health During Electric Arc Welding at the Machine-building Plants of the Belorussian Soviet Socialist Republic (K voprosu ozdorovleniya usloviy truda pri provedenii elektrovarochnykh rabot na mashinostroitel'nykh zavodakh BSSR)

PERIODICAL: Zdravookhr. Belorussii, 1957, Nr 7, pp 62-64

ABSTRACT: Investigation has revealed that the air in the vicinity of welders (and being breathed by them), and even at places remote from the welding, is being polluted by MnO, Co, and other substances in concentrations exceeding the permissible maximum. It is pointed out that such pollutants, especially Mn, can have lasting toxic effects. Most harmful to health are considered to be the electrodes TsM-7 and MEZ-K---less harmful, OMM-5 and the grades from 4 to 55. Measures recommended to safeguard health are: proper ventilation, adequate insulation of potentially harmful processes, use of the least toxic electrode types, introduction of automatic and semiautomatic flux-

Card 1/2

137-58-2-4459

The Protection of Health (cont.)

shielded welding, absolute enforcement of the rule that any painting done in assembly-welding shops be done in separate closed compartments.

1. Arc welding--USSR
2. Personnel--Health factors

Ye. L.

Card 2/2

- SHADURSKAYA, V.S., PASHKOVSKAYA, G.I.

Accident in a telephone cable manhole. Gig. 1 san. 23 no. 8:76 Ag '58
(MIRA 11:9)

1. Iz Belorusskogo sanitarnogo instituta.
(CARBON MONOXIDE-TOXICOLOGY)

... S., ...

"The toxic evaluation of labor conditions upon the use of toxic chemical
in stores in the holdlozes of the B37a."

report submitted at the 13th All-Union Congress of Hygienists, Sanitarians, and
Infectionists, 1956.

SHADURSKAYA, V.S.; IRGER, N.S.; PASHKOVSKAYA, G.I.

Improvement of working conditions in mercury laboratories. Zdrav.
Belor 5 no.2:44-45 P '59. (MIRA 12:7)

1. Belorusskiy nauchno-issledovatel'skiy sanitarnyy institut.
(SMOLEVICHY--MERCURY--TOXICOLOGY)

SHADURSKAYA, V.S.

Toxicology of new organic phosphate insecticides. Farm. i toks 22
no.3:269-272 My-Je '59. (MIRA 12:7)

1. Belorusskiy nauchno-issledovatel'skiy sanitarnyy institut.
(PHOSPHATES, tox.
insecticides (Rus))

SHADURSKAYA, V.S. (Minsk)

Sanitary aspects of work at the "USIAZH" peat briquetting plant.
Gig. truda i prof. zab. 4 no.6:43-45 Je '60. (MIRA 15:4)

1. Nauchno-issledovatel'skiy sanitarnyy institut, Minsk.
(WHITE RUSSIA--PEAT INDUSTRY--HYGIENIC ASPECTS)

SHADURSKIY, I. [Shadurs'kvi, I.], inzh.

Adjusting kitchen ranges and heating stoves for using coal.
Sil'.bud. 9 no.11:20-21 H '59. (MIRA 13:4)
(Stoves)

SHADURSKIY, I. [Shadurs'kyi, I.], inzh.

Mechanized summer shelters for cattle. I. Sil'.bud. 12
no.6:6-8 Je '62. (MIRA 15:8)
(Dairy barns)

L 07501-67 EWP(k)/EWT(d)/EWT(l)/EWT(m)/EWP(w)/EWP(v)/EWP(l)/ETI IJP(c) EM/JD

ACC NR: AR6017329

SOURCE CODE: UR/0264/66/000/001/A013/A013

AUTHOR: Zhukov, S. A.; Shadskiy, I. A.; Zhukov, N. D.

TITLE: Strength of certain alloys at high frequencies

SOURCE: Ref. zh. Vozdushnyy transport, Abs. 1A72

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 19, 1965, 399-404

TOPIC TAGS: fatigue strength, alloy, fatigue test, METAL BLADE, PROPELLER
BLADE

ABSTRACT: The study concerned effects of high frequency variable loads on fatigue limit of blade materials (SAP, VT3-1, EI961 and EI617). Fatigue tests employed a resonance setup, using an electromagnetic system to excite oscillations from 200 to 2400 cps. Test temperature varied from room temperature to 550C. It was established that the fatigue limit improves for all tested materials as the loading frequency increases. Best improvement in fatigue limit was noted for alloy VT3-1. [Translation of abstract] 4 illustrations and bibliography of 3 titles. V. Ivanova

SUB CODE: 11,01

Card 1/1

UDC: 620.1

SHADURSKIY, K.S. Dr. Med. Sci.

Dissertation: "Pharmacological Properties of Camphor as a Complex of Substances."
First Moscow Order of Lenin Medical Inst. 29 Sep 47.

SO: Vechernyaya Moskva, Sep, 1947 (Project #17836)

SHUGAYEV, B.B.; SHADURSKIY, K.S., professor, zaveduyushchiy.

Registration of blood pressure and respiration in dogs without narcosis.
Farm. i toks. 16 no.3:51-53 My-Je '53. (MLRA 6:7)

1. Kafedra farmakologii Yaroslavskogo meditsinskogo instituta.
(Blood pressure) (Respiration)

CHYZHEVSKAYA, I.I., K.S.
CHYZHEVSKAYA, I.I.; IDEL'CHYK, Z.B.; YAKIMOVICH, L.A. SHADURSKI, K.S.

Synthesis and pharmacological properties of 1-phenoxy-2-propanol
amino derivatives. Vestsi AN BSSR. Ser. fiz.-tekh.nav. no.2:115-127
'57. (MIRA 11:1)

(Propanol) (Amines)

SHADURSKIY, K.S.

CHILDREN'S DISEASES

"Problems of Pharmacology in Children's Infectious Diseases", by Professor K.S. Shadurskiy, Zdravookhraneniye Belorussii, No 3, March 1957, pp 60-64

The author discusses the side reactions apparent in cases of chemotherapy. In his opinion, sterilization decreases the activity of protective mechanisms and retards the immunobiological action in chemotherapeutical treatment.

A table listing the harmless dosages is presented in the article. The author concludes that the use of chemotherapeutical compounds should only be allowed, according to scientific principles, in cases of children's infectious diseases.

Card 1/1

- 11 -

OKUN', Lev Savel'yevich; SHADURSKIY, K.S., prof., doktor med.nauk.

APPROVED FOR RELEASE: 07/20/2001 CIA-RDP86-00513R001548510019-7"

[Principles of pharmacology and elements of prescription writing] Osnovy farmakologii s retsepturoi. Pod red. K.S.Shadurskogo. Minsk, Gos.izd-vo BSSR, 1959. 179 p.

(MIRA 12:11)

(PHARMACOLOGY)

(PRESCRIPTION WRITING)

TURPAYEV, T.M., red.; SHADURSKIY, K.S., red.

[Summaries of reports] Tezisy dokladov. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. [Broadened abstracts of reports in symposia] Rasshirennye referaty dokladov na simpoziumakh 1959. 226 p. (MIRA 14:11)

1. Vsesoyuznoye obshchestvo fiziologov, biokhimikov i farmakologov.

9. s"yezd.

(NERVOUS SYSTEM) (ENDOCRINOLOGY) (METABOLISM)

SHADURSKIY, K.S.; Prinsipali uchastiye: KOMISSAROV, I.V.; FRANKOV, I.A.;
TSAPATEVA, T.S.. MEREZHINSKIY, M.F., prof., red.; STEPANOVA,
N.P., tekhn.red.

[Pharmacology as a basis for therapy; a manual for physicians]
Farmakologiya kak osnova terapii; posobie dlia vrachei. Minsk,
Gos.izd-vo BSSR. Red.nauchno-tekhn.lit-ry. Vol.1. [Pharmacology
of the cholinergic processes] Farmakologiya kholinergicheskikh
protsessov. 1959. 315 p. (MIRA 12:9)
(AUTONOMIC DRUGS)

BULYGIN, I.A., red.; ZAKUSOV, V.V., red.; KAPLANSKIY, S.Ya., red.; MUZYKANTOV, V.A., red.; TURPAYEV, T.M., red.; CHERKASOVA, L.S., red.; CHERNIGOVSKIY, V.N., red.; SHADURSKIY, K.S., red.; SHIDLOVSKIY, V.A., red.; SHIK, L.L., red.; MUZYKANTOV, V.A., red.; BELEN'KAYA, I.Ye., tekhn. red.

[Summaries of reports] Tezisy dokladov. Moskva, Izd-vo Akad. nauk SSSR. Vol.1. [Abstracts of reports in section meetings; physiology] Tezisy dokladov na sektionnykh zasedaniakh; fiziologiya. 1959. 432 p. (MIRA 14:11)

1. Vsesoyuznoye obshchestvo fiziologov, biokhimikov i farmakologov. 9. s"yezd. 2. Kafedra fiziologii Moskovskogo meditsinskogo instituta im. I.M.Sechenova (for Shidlovskiy). (PHYSIOLOGICAL SOCIETIES)

SHADURSKIY, K.S., prof.; IL'YUCHENOK, T.Yu., kand.med.nauk.; ISKAREV,
N.A., kand.med.nauk; KOMISSAROV, I.V., kand.med.nauk; KORABLEV,
M.V., kand.med.nauk; MYAZDRIKOVA, A.A., kand.med.nauk; NILOVSKAYA,
S.H., kand.med.nauk; REUT, N.A., kand.med.nauk; YAKIMOVICH, L.A.,
kand.med.nauk; GES', N.D., red.; BELEN'KAYA, I.Ye., tekhred.

[Prescription manual] Rukovodstvo po retsepture. Izd.2., ispr.
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(MIRA 14:1)

(MEDICINE--FORMULAE, RECEIPTS, PRESCRIPTIONS)

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SHADURSKIY, K.S., red.; EL'BERT, B.Y., red. (Minsk)

[Problems of the history of medicine and public health in
the White Russian S.S.R.; abstracts of reports at a sci-
entific conference] Voprosy istorii meditsiny i zdravookh-
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1960. 109 p. (MIRA 17:4)

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SHADURSKIY, K.S., prof.; GURVICH, G.I., kand.meditsinskikh nauk

Influence of the preparation (BAS(1 benzyl-2,5 dimethyl-serotonin)
on the resistance of the body to oxygen deficiency. Zdrav. Belor.
6 no.9:24-27 S '60.

(SEROTONIN--PHYSIOLOGICAL EFFECT)

(MIRA 13:9)
(ANOXEMIA)

SHADURSKIY, K.

Eighth All-Union Conference of Pharmacologists. Zdrav. Belor.
6 no. 10:71-72 0 '60. (MIRA 13:10)
(PHARMACOLOGY—CONGRESSES)

SHADURSKIY, Konstantin Stanislavovich; GES', N.D., red.; BELEN'KAYA, I.Ye.,
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[Lectures on general pharmacology] Lektsii po obshchei farmakologii.
Izd.2., perer. i dop. Minsk, Izd-vo Belgosuniversiteta im. V.I.
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(PHARMACOLOGY)

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; BELEN'KIY, M.L.,
 prof.; VAL'DMAN, A.V., doktor med. nauk; VEDEMEYEVA, Z.I., kand.
 med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L.,
 kand. med. nauk; GINETSKIY, A.G., prof.; GORBOVITSKIY, S.Ye.,
 prof.; GREBENKINA, M.A., dotsent; GREKH, I.P., dots.; DEMISENKO,
 P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESTYANIKOV,
 V.D., kand. med. nauk; ZAUGOL'NIKOV, S.D., prof.; ZEYMAL', E.V., kand.
 med. nauk; ISKAREV, N.A., kand. med. nauk; KARASIK, V.M., prof.;
 KIVMAN, G.Ya., kand. med. nauk; KOZLOV, O.D., kand. med. nauk; KROTOV,
 A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; LAZAREV, N.V.,
 prof.; LAPIN, I.P., kand. med. nauk; MEL'NIKOVA, V.F., prof.;
 MESHCHERSKAYA, K.A., prof.; MIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY,
 Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; PARIBOK, V.P., prof.;
 PERSHIN, G.N., prof.; PLANEL'YES, Kh.Kh., prof.; PONOMAREV, G.A.,
 prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.;
 ROZOVSKAYA, Ye.S., dots.; RYBOLOVLEV, R.S., starshiy nauchnyy sotr.;
 SALLYAMON, L.S., kand. med. nauk; SAFRAZBEKYAN, R.R., kand. biol. nauk;
 TIUNOV, L.A., kand. med. nauk; TOMILINA, T.H., dots.; FELISTOVICH,
 G.I., kand. med. nauk; FRUYENTOV, N.K., kand. med. nauk; KHAUNINA,
 R.A., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I.,
 prof.;

(Continued on next card)

ABRAMOVA, Zh.I.---(continued) Card 2.

CHERNOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.;
YAKOVLEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.;
NIKOLAYEVA, M.M., red.; RULEVA, M.S., tekhn. red.; CHUMAYEVA,
Z.V., tekhn. red.

[Manual on pharmacology] Rukovodstvo po farmakologii. Leningrad,
Medgiz. Vol.2. 1961. 503 p. (MIRA 15:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for
Anichkov, Karasik, Cherkas). 2. Chlen-korrespondent Akademii medi-
tsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy,
Planel'yes).

(PHARMACOLOGY)

SHADUNSKIY, K.S., prof.; GURDEVICH, G.I., kand.med.nauk

Effect of iprazid on resistance to hypoxemia in mice. Zdrav. Bel.
7 no.8:36-37 Ag '61. (MIRA 15:2)
(IPRONIAZID) (ANOXEMIA)

ACCESSION NR: AT4042672

S/0000/63/000/000/0143/0146

AUTHOR: Gurvich, G. I.; Shadurskiy, K. S.

TITLE: Increasing the resistance of the organism to oxygen deficiency with the help of pharmaceuticals

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy* konferentsii. Moscow, 1963, 143-146

TOPIC TAGS: hypoxia, pharmacological protection, guinea pig, rat, mouse, indole, iprazid, serotonin, hypoxia resistance/BAS

ABSTRACT: The influence of some pharmacological agents on resistance to hypoxia was investigated using guinea pigs, mice, and rats divided into experimental and control groups. Pharmaceuticals tested were "BAS" (1-benzil, 2.5 dimethylserotonin), indoles (I, IV, XXIV), iprazid, and serotonin. A combination of iprazid and serotonin was also tested. Experiments were conducted in a pressure chamber at a simulated altitude of 11,000 meters. Intramuscular
Card 1/2

ACCESSION NR: AT4042672

injections of serotonin greatly increased the resistance of guinea pigs, mice, and rats to hypoxia. Iprazid injected intraperitoneally increased resistance to hypoxia in mice especially when it was administered several days before the investigation. The combined use of iprazid and serotonin was similarly effective when iprazid was administered 2--7 days prior to hypoxic conditions. "BAS" administered orally increased the resistance of rats and mice to hypoxia even on the first day. Animals continued to show resistance to hypoxia 10 days after the final dose of "BAS." A study of the effects of indoles on mice indicated that increased resistance to hypoxia was a function of the time and dose of preparations. The authors conclude that the results of the investigation merit a more intensive search for agents which increase resistance to hypoxia.

ASSOCIATION: none

SUBMITTED: 27Sep63

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 000

Card 2/2

VINOGRADOVA, Ye.V.; GRINEV, A.N.; DANUSEVICH, I.K.; DZIK, M.F.; DUBOVIK, B.V.;
ZAKHAREVSKIY, A.S.; IL'YUCHENOK, T.Yu.; KOST, A.N.; MARTINOVICH, G.I.;
MIKLEVICH, A.V.; PIL'TIYENKO, L.F.; RACHKOVSKAYA, I.V.; REUT, N.A.;
TALAPIN, V.I.; TAMARINA, N.Z.; TERENT'YEV, A.P.; SHADURSKIY, K.S.

Research on pharmacological agents with prolonged hypotensive
action. Vest. AMN SSSR 18 no.1:69-86 '63. (MIRA 16:2)

1. Laboratoriya spetsial'nogo organicheskogo sinteza khimicheskogo
fakul'teta Moskovskogo gosudarstvennogo universiteta imeni Lomono-
sova i kafedra farmakologii Minskogo meditsinskogo instituta.
(HYPOTENSION) (INDOLE)

L 14150-66 EWT(m)

ACC NR: AP6001319

SOURCE CODE: UR/0248/65/000/009/0055/0058

AUTHOR: Grinev, A. N.; Il'yuchenok, T. Yu.; Lepekhin, V. P.; Shadurskiy, K. S.

ORG: Institute of Medical Radiology, AMN SSSR, Obninsk (Institut meditsinskoy radiologii AMN SSSR)

TITLE: Loss of hypotensive activity by 5-hydroxyindole derivatives in irradiated animals

SOURCE: AMN SSSR. Vestnik, no. 9, 1965, 55-58

TOPIC TAGS: serotonin, radiation drug, radioprotective agent

ABSTRACT: A hypotension lasting from 32 to 77 days following administration of eighteen indole derivatives was established in rats of the August strain. Preliminary exposure of the animals to 300 or 600 rads of external radiation altered the hypotensive effect of the drugs considerably. A 300 rad dose increased the latent period, i. e., the time that hypotension set in, and shortened the duration of the effect of compound ORF-50. The hypotensive effect was induced after a 600 rad dose, and the blood pressure remained steady and within normal limits. The blood pres-

UDC: 615.7-092.259 : 617-001.28

Card 1/2

L 14150-66
ACC NR: AP6001319

sure of irradiated rats not previously treated with one of the protective agents tended to drop. The author conjectures that irradiation disrupts the mechanisms by which the 5-hydroxyindole derivatives participate in the hypotensive effect. Orig. art. has: 2 figures, 1 table.

SUB CODE: 06/ SUBM DATE: 05Jun65/ ORIG REF: 005/ OTH REF: 000

Card 2/2

SHADURSKIY, O.S., inzhener.

Installation of rigid-reinforcement blocks for the framework
of the main building of an electric power station by means
of stiffleg derricks. Elek.sta. 25 no.2:43-44 P '54. (MLRA 7:2)
(Electric power plants) (Cranes, derricks, etc.)
(Framing (Building))

SHADURSKIY, O. S.

AID P - 1387

Subject : USSR/Electricity
Card 1/1 Pub. 26 - 14/30
Authors : Shadurskiy, O. S., Eng., and Yakobson, E. V., Eng.
Title : Large block mounting of the metallic structures
of a cooling tower
Periodical : Elek. Sta., 2, 43-44, P 1955
Abstract : The authors describe and illustrate the method
applied. 2 drawings, 3 photographs
Institution: None
Submitted : No date

TESLITSKIY, S.M., inzh.; SHADURSKIY, O.S., inzh.

Constructing heat networks with ready-made elements. Elek.
sta. 31 no.2:82-83 F '60. (MIRA 13:5)
(Heating from central stations)
(Heating pipes)

SHADURSKIY, P. A.

SHADURSKIY, P. A. -- "Investigation of the Drying of Kuskovo Peat in High Pils." Acad. Sci. Belorussian SSR. Department of Physicomathematical and Technical Sciences. Minsk, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SC: Knizhnaya Letopis', No 1, 1956

ANISOVICH, A.I., inzh.; SHADURSKIY, P.A., kand.tekhn.nauk

Working a peat deposit by the excavator method without leaving
strips between the sections. Torf. prom. 35 no.3:30-31 '58.

(MIRA 11:5)

1.Belorusskiy gosudarstvennyy institut po proyektirovaniyu zavodov
torfyanoy promyshlennosti (for Anisovich). 2.Institut torfa AN
BSSR (for Shadurskiy).

(Peat)

KOSTYUK, N.S.; SHADU-SKIY, P.A.

Investigation of certain properties of milled peat in high mill %.
Trudy Inst. torf. AN BSSR 9:54-55 '60. (MIA 14:2)
(Peat)

S. ADUSKIN, P.A.

Winning milled peat for semibriquetting by means of standard industrial
equipment. Trudy Inst. torf. AN BSSR 9:71-76 '60. (MIRA 14:2)
(Peat industry)

AKSENOV, Ye.; VASIL'YEV, A.; NIKIFOROV, V.; PIMENOV, M.; SHADURSKIY, P.

"Peat semibriquet" by [inzh.] D.I. Shukhman. Reviewed by E. Aksenov
and others. Torf.prom. 39 no. 3:39-40 '62. (MIRA 15:4)
(Briquets (Fuel)) (Shukhman, D.I.)

VARENTSOV, Vladimir Semenovich, dots.; LAZAREV, Aleksandr Vasil'yevich, dots.; BRAGIN, N.A., inzh., retsenzent; AKSENOV, Ye.A., dots., retsenzent; VASIL'YEV, A.M., dots., retsenzent; NIKIFOROV, V.A., dots., retsenzent; PIMENOV, M.P., dots., retsenzent; SHADURSKIY, P.A., dots., retsenzent; SEMENSKIY, Ye.P., dots., retsenzent; FRIDKIN, L.M., tekhn. red.

[Technology of the production of milled peat] Tekhnologiya proizvodstva frezernogo torfa. Moskva, Gosenergoizdat, 1962. 335 p.
(MIRA 15:12)

1. Kalininskiy torfyanoy institut (for Varentsov, Lazarev). 2. Belorusskiy politekhnicheskii institut (for Aksenov, Vasil'yev, Nikiforov, Pimenov, Shadurskiy).

(Peat)